

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1 to 52. (Canceled)

53. (Previously presented) A protein fragment consisting of the amino acid residues selected from the group consisting of:

- a. amino acid residues 2 through 50 as described in SEQ ID NO:2;
- b. amino acid residues 85 through 123 as described in SEQ ID NO:2;
- c. amino acid residues 46 through 109 as described in SEQ ID NO:2;
- d. amino acid residues 18 through 98 as described in SEQ ID NO:2;
- e. amino acid residues 22 through 99 as described in SEQ ID NO:2;
- f. amino acid residues 21 through 50 as described in SEQ ID NO:2;
- g. amino acid residues 46 through 85 as described in SEQ ID NO:2;
- h. amino acid residues 50 through 64 as described in SEQ ID NO:2;
- i. amino acid residues 67 through 81 as described in SEQ ID NO:2;
- j. amino acid residues 21 through 99 as described in SEQ ID NO:2;
- k. amino acid residues 71 through 82 as described in SEQ ID NO:2;
- l. amino acid residues 85 through 99 as described in SEQ ID NO:2;
- m. amino acid residues 18 through 50 as described in SEQ ID NO:2;
- n. amino acid residues 46 through 98 as described in SEQ ID NO:2; or
- o. amino acid residues 85 through 98 as described in SEQ ID NO:2.

54 (Canceled)

55. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 2 through 50 as described in SEQ ID NO:2.

56. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 85 through 123 as described in SEQ ID NO:2.

57. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 46 through 109 as described in SEQ ID NO:2.

58. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 18 through 98 as described in SEQ ID NO:2.

59. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 22 through 99 as described in SEQ ID NO:2.

60. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 21 through 50 as described in SEQ ID NO:2.

61. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 46 through 85 as described in SEQ ID NO:2.

62. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 50 through 64 as described in SEQ ID NO:2.

63. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 67 through 81 as described in SEQ ID NO:2.

64. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 21 through 99 as described in SEQ ID NO:2.

65. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 71 through 82 as described in SEQ ID NO:2.

66. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 85 through 99 as described in SEQ ID NO:2.

67. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 18 through 50 as described in SEQ ID NO:2.

68. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 46 through 98 as described in SEQ ID NO:2.

69. (Previously presented) The protein fragment of claim 53, consisting of amino acid residues 85 through 98 as described in SEQ ID NO:2.

70.-86 (Cancelled)